MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

AUGUST 1923

J. A. BROWN, DIRECTOR

PRINTED AT THE UNIVERSITY PRESS

AUGUST 1923

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C. Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	mean	Max.	Min.	Min. on grass		
1	754.8	754.8	754.7	754.8	30.7	22.3			
2	6.2	5.5	5.4	5.7	30.4	22.5			
3	6.0	5.2	5.2	5.5	31.0	22.8			
4	5.6	5.6	5.4	5.5	31.2	22.8			
5	5.4	4.9	4.1	4.8	31.5	25.0	—	—	—
6	2.6	2.0	1.3	2.0	31.9	25.7			
7	1.3	1.9	2.5	1.9	31.3	25.6			
8	4.7	5.0	4.8	4.8	31.5	23.2			
9	6.5	6.3	6.4	6.4	30.9	23.1			
10	5.4	4.7	4.5	4.9	31.2	23.1	—	—	—
11	4.1	4.1	4.5	4.2	30.0	22.9			
12	5.8	6.3	6.7	6.3	31.1	23.8			
13	6.9	6.5	6.3	6.6	31.3	22.6			
14	5.6	5.5	5.5	5.5	30.9	22.9			
15	6.5	6.2	6.2	6.3	30.4	23.4	—	—	—
16	7.1	7.1	7.0	7.1	31.7	25.8			
17	7.6	6.4	6.1	6.7	30.4	23.9			
18	6.4	6.0	6.2	6.2	31.0	23.6			
19	6.3	6.0	6.7	6.3	30.4	21.9			
20	7.1	6.6	6.6	6.8	30.7	22.3	—	—	—
21	5.4	5.2	5.3	5.3	30.8	22.7			
22	5.4	5.2	6.3	5.6	30.7	23.3			
23	7.2	6.8	7.5	7.2	29.3	23.8			
24	8.0	6.8	6.6	7.1	29.8	25.4			
25	6.3	5.8	6.2	6.1	30.2	22.8	—	—	—
26	6.4	6.5	7.0	6.6	29.9	21.8			
27	7.1	6.6	7.4	7.1	29.9	21.4			
28	6.6	6.4	6.4	6.5	30.3	21.8			
29	5.7	5.5	5.7	5.6	30.4	23.1			
30	5.1	5.3	5.8	5.4	29.9	24.0			
31	6.7	6.7	7.1	6.8	30.1	22.8			
	755.9	755.6	755.7	755.7	30.7	23.3			

BAROMETER

Maximum 758.0 on 24th

Minimum 751.3 on 7th

THERMOMETER

Maximum 31.9 on 6th

Minimum 21.4 on 27th

Minimum on grass on

RAINFALL

Maximum mm. on

Number of days with rain 0 thunderstorms 0 fog 0 gale 0

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METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour mm.				Relative Moisture per cent.			
	8:30	2:30	8:30	mean	8:30	2:30	8:30	8:30	2:30	8:30	mean	8:30	2:30	8:30	mean
1	27.8	30.2	25.4	27.8	23.3	24.2	22.6	17.7	17.8	18.0	17.8	64	56	74	65
2	27.8	30.0	25.2	27.7	23.7	24.4	22.7	18.4	18.3	18.4	18.4	66	58	76	67
3	28.4	30.1	25.1	28.2	23.9	24.9	24.1	18.4	19.2	20.5	19.4	64	60	82	69
4	28.8	30.6	26.7	28.7	25.0	25.6	24.5	20.2	20.2	21.0	20.5	69	61	81	70
5	28.9	31.2	26.7	28.9	25.0	26.6	24.6	20.2	21.7	21.1	21.0	68	64	81	71
6	29.1	31.3	26.7	29.0	25.3	26.0	23.6	20.6	20.4	19.1	20.0	68	59	73	66
7	28.9	30.6	26.4	28.6	24.5	25.7	23.9	19.2	20.3	19.9	19.8	64	62	77	68
8	28.0	30.0	25.8	27.9	24.4	25.7	23.3	19.7	20.8	19.2	19.9	70	65	77	71
9	28.7	30.3	25.6	28.2	24.5	24.6	23.3	19.3	18.4	19.4	19.0	65	57	79	67
10	28.3	30.6	25.6	28.2	24.2	25.1	22.9	19.0	19.3	18.7	19.0	65	59	76	67
11	27.5	29.8	25.7	27.7	22.3	24.1	23.1	16.3	17.7	18.8	17.6	59	57	76	64
12	28.9	30.5	25.8	28.4	24.2	25.1	22.9	18.6	19.3	18.4	18.8	62	59	74	65
13	28.2	29.9	25.7	27.9	23.6	24.7	22.9	18.0	18.9	18.6	18.5	63	60	75	66
14	27.8	30.2	25.7	27.9	24.4	25.3	23.5	19.9	20.0	19.7	19.9	72	62	80	71
15	27.3	30.1	26.4	28.0	24.4	25.1	24.0	20.3	19.5	20.2	20.0	75	61	78	71
16	29.1	30.3	28.1	29.2	22.1	23.3	23.9	14.8	16.3	18.6	16.5	49	50	66	55
17	28.4	27.6	26.1	27.4	22.9	24.4	24.1	16.7	20.1	20.5	19.1	58	74	82	71
18	28.1	30.1	24.5	27.5	23.3	23.7	21.0	17.4	17.0	16.0	16.8	62	54	71	62
19	27.3	30.0	24.5	27.3	22.9	24.1	21.6	17.4	17.7	16.9	17.3	64	56	75	65
20	27.6	30.4	25.2	27.7	23.0	24.4	22.3	17.3	18.1	17.8	17.7	64	56	75	65
21	27.9	30.1	25.4	27.8	23.6	24.6	22.1	18.1	18.6	19.6	18.8	65	59	71	65
22	28.6	29.8	25.8	28.1	23.6	24.4	22.8	17.8	18.5	18.2	18.2	61	59	73	64
23	27.3	28.3	26.8	27.5	23.2	21.7	21.1	17.8	14.8	14.6	15.7	66	52	55	58
24	27.8	29.3	26.3	27.8	22.3	23.9	22.8	16.1	18.0	18.0	17.4	58	59	70	62
25	28.8	29.4	25.3	27.8	21.7	23.8	21.6	14.4	17.5	16.4	16.1	49	57	69	58
26	27.3	29.7	24.4	27.1	22.3	22.8	21.2	16.3	15.6	16.3	16.1	60	50	72	61
27	26.2	27.0	24.2	25.8	22.8	24.5	22.4	17.9	20.7	18.6	19.1	70	79	83	77
28	26.4	29.7	25.0	27.0	23.4	24.9	23.4	19.0	19.6	20.1	19.5	74	63	85	74
29	27.8	29.8	25.4	27.7	24.6	23.6	22.3	20.1	16.8	17.5	18.1	73	54	72	66
30	27.7	29.6	24.9	27.4	22.4	24.6	22.5	16.2	18.9	18.3	17.8	59	61	79	66
31	27.8	29.9	26.6	28.1	23.6	24.0	23.2	18.2	17.6	18.4	18.1	66	57	71	65
	28.0	29.9	25.7	27.9	23.6	24.5	22.9	18.1	18.6	18.6	18.4	64	59	75	66

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.

Height of Rain Guage: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction −0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

AUGUST 1923

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	mean	8:30	2:30	8:30	Km.		
1	1	0	0	0.3	1	0	0	178.0	slight	
2	3	0	0	1.0	1	2	0	170.9	v. slight	
3	2	0	0	0.7	1	2w	1	166.0	,,	
4	2s	1	1	1.3	1	2w	0	174.9	calm	
5	4ci cu	3ci cu	0	2.3	2	3	3	322.2	rough	
6	1	2cu s	0	1.0	2	2s	3	264.4	,,	
7	1	0	0	0.3	3	3	3	505.0	,,	
8	0	0	0	0	2	1	0	262.8	v. slight	
9	0	0	1	0.3	1	2	1	157.7	,,	
10	0	0	1	0.3	1	2	1	332.4	rough	
11	1	2	0	1.0	1	2	0	285.2	slight	
12	3	4	0	2.3	1	2w	0	254.6	,,	
13	0	0	0	0	2	1w	0	220.5	v. slight	
14	0	2	0	0.7	2w	1	0	125.2	,,	
15	0	0	0	0	1	1ne	1ne	115.8	calm	
16	0	0	0	0	1w	3n	3ne	412.1	rough	
17	0	0	0	0	0	1n	0	377.8	v. slight	
18	1	0	0	0.3	1	1	0	138.4	calm	
19	0	1	0	0.3	2	2	0	188.6	v. slight	
20	0	3	1	1.3	1	2	0	114.5	calm	
21	0	3	0	1.0	2	2	1	214.3	v. slight	
22	2	1	2	1.7	2	3	1	288.7	slight	
23	0	0	0	0	0	4n	3n	478.2	rough	
24	0	0	0	0	3ne	2ne	1ne	467.2	v. slight	
25	0	0	0	0	0	2s	0	142.4	calm	
26	0	0	0	0	0	2w	0	122.0	v. slight	
27	1	0	0	0.3	1	1w	0	105.1	calm	
28	1	0	0	0.3	1	2	0	94.4	,,	
29	0	2	2	1.3	3	2	1	279.2	slight	
30	1	1	0	0.7	1	3	0	231.7	,,	
31	0	0	0	0	1	1ne	1ne	240.3	v. slight	
				0.6				239.7		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	1	0	0	0	24	2	0	4
2:30	3	3	0	0	2	16	6	0	1
8:30	1	4	0	0	0	9	0	0	17
Totals	4	8	0	0	2	49	8	0	22

N.B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.